

TABLE OF CONTENTS

	Page
Abstract	i
Acknowledgements	ii
Table of Contents	iii
List of Figures	v
List of Tables	viii
List of Plates	x
Introduction	1
Environmental Setting	5
Regional Prehistory	8
Regional History	14
Previous Archaeological Investigations	29
Research Design, Contexts, and Considerations	32
Research Perspectives	34
Methodology	38
Archival Methods	38
Field Methods	39
Laboratory Methods and Artifact Analysis	40
Site History	44
Williams Site Prehistoric Occupation	72
Implications for Regional Prehistory	82
Results of Field Investigations	86
Introduction	86
Plowzone Sampling	87
Feature Excavation	93
Structure I	97
Structure II	107
Well	118
Outbuilding I	124
Outbuilding II	129
Privy Pits	130
Fencelines	137
Additional Features	145
Artifact Analysis	147
Intrasite Analyses and Interpretations	180
Soils Analysis	180
Plowzone Artifact Distributions	190
Site Interpretations and Conclusions	210

	Page
Intersite Analyses and Interpretations	223
Introduction	223
Intersite Architectural Comparisons	225
Ceramic Economic Scaling Analysis	232
Vessel Function Analysis	245
Conclusions	257
References Cited	268
Personnel	283
Appendices	287
I: Total Artifact Counts	287
II: Determination-of-Eligibility form	328
III: Data Recovery Plan	349
IV: Vessel Analysis Form Example	360
V: South's Ceramic Type Number System	362
VI: John Bowen Site	367
VII: Glossary	377

LIST OF FIGURES

	Page
Figure 1: Site Location Map	2
Figure 2: Detail from Gilpin Map, 1770	17
Figure 3: Major Andre's Map of Aiken Town, 1777	18
Figure 4: Rea and Price Map of New Castle County, 1849 .	22
Figure 5: Beers' Atlas Map of Glasgow and Pencader Hundred, 1868	23
Figure 6: Hopkins' Map of Glasgow, 1881 and Baist's Map of Glasgow, 1893	26
Figure 7: 1906 U.S.G.S. Topographic Map	27
Figure 8: 1953 U.S.G.S. Topographic Map	28
Figure 9: Thomas Williams Site, Area "A" Historic Component, Phase I and II Investigations (7NC-D-130)	31
Figure 10: Property Tracts in the Aiken Town Vicinity, circa 1800	46
Figure 11: New Castle County Orphans Court Records, Samuel Black Estate Settlement Plat (P-1-362), 1835	53
Figure 12: Advertisement for Masonry and Marblework, 1845	58
Figure 13: Feature 91, Woodland II Hearth	75
Figure 14: Diagnostic Projectile Points	77
Figure 15: Distribution of Total Prehistoric Artifacts ..	79
Figure 16: Bifaces from 7NC-D-130	80
Figure 17: Cores from 7NC-D-130	82
Figure 18: Lithic Assemblage Sample Site Locations	84
Figure 19: Plowzone Testing Map	88
Figure 20: Williams Site Feature Location Map	94
Figure 21: Structure I - Associated Features and Outline.	98

	Page
Figure 22: Feature 12 (Root Cellar) - Plan View	99
Figure 23: Feature 12 (Root Cellar) - Cross-section	100
Figure 24: Feature 42 (Root Cellar) - Plan View and Cross-section	103
Figure 25: Plan View and Cross-sections of Features 19, 124, 157, 178, 73 and 73a, 68, and 173	104
Figure 26: Structure II - Associated Features and Outline	108
Figure 27: Plan View and Profile/Cross-section of S24W60.	109
Figure 28: Cross-section of Feature 17	110
Figure 29: Plan View of Features 14, 17, and 20	113
Figure 30: Profile and Plan View of Features 117, 74, 75, 114, and 115	116
Figure 31: Feature 2 - Profile of the Williams Site Well.	121
Figure 32: Outbuilding I - Plan View	126
Figure 33: Outbuilding II - Associated Features and Outline	130
Figure 34: Privy Pit Locations	131
Figure 35: Structure II - Fencelines	138
Figure 36: Feature 128 - Profile	145
Figure 37: Soil Chemical Phosphate Densities, Williams Site	183
Figure 38: Soil Chemical Potassium Densities, Williams Site	185
Figure 39: Soil Chemical Calcium Densities, Williams Site	187
Figure 40: Soil Chemical Magnesium Densities, Williams Site	188
Figure 41: Soil Chemical PH Densities, Williams Site	189
Figure 42: Distribution of Ceramics in the Plowzone	192

	Page
Figure 43: Distribution of Eighteenth Century Ceramics in the Plowzone	193
Figure 44: Distribution of Pearlware in the Plowzone	194
Figure 45: Distribution of Nineteenth Century Ceramics in the Plowzone	196
Figure 46: Distribution of Porcelain in the Plowzone	197
Figure 47: Distribution of American Blue and Gray Stoneware in the Plowzone	198
Figure 48: Distribution of Redware in the Plowzone	200
Figure 49: Distribution of Window Glass in the Plowzone .	201
Figure 50: Distribution of Bottle Glass in the Plowzone .	202
Figure 51: Distribution of Total Nails in the Plowzone ..	203
Figure 52: Distribution of Wrought Nails in the Plowzone.	205
Figure 53: Distribution of Cut Nails in the Plowzone	206
Figure 54: Distribution of Wire Nails in the Plowzone ...	207
Figure 55: Distribution of Total Brick Fragments (by weight) in the Plowzone	208
Figure 56: Distribution of Burned Brick in the Plowzone .	209
Figure 57: Archaeological Plan and Reconstruction of the Evans-Black Tenant House	212
Figure 58: Archaeological Plan and Reconstruction of the Williams-Stump House	214
Figure 59: Yard Proxemics for the Williams-Stump House ..	219

LIST OF TABLES

		Page
Table 1:	Thomas Williams Family, from the 1850 Census ..	55
Table 2:	Masons and Stonecutters in Southern New Castle County, from the 1860 Census	62
Table 3:	Black Population Statistics, from the 1870 Census	66
Table 4:	Black Population Statistics, from the 1860 Census	67
Table 5:	Total Prehistoric Artifacts	73
Table 6:	Comparative Lithic Resource Use	83
Table 7:	Lithic Use Classification	85
Table 8:	Summary of Privy Pit Features	136
Table 9:	Summary of Fenceline Features	139
Table 10:	Summary of Coins Recovered from the Williams Site (7NC-D-130)	151
Table 11:	Summary of Faunal Remains from Feature 12 (Evans-Black Occupation)	159
Table 12:	Feature 17 (Structure II) Bottles	164
Table 13:	Summary of Faunal Remains Associated with the Williams-Stump Occupation	177
Table 14:	Comparison of First Floor Dimensions of Early Nineteenth Century House Sites in New Castle County	227
Table 15:	Comparisons of First Floor Dimensions of Late Nineteenth Century House Sites in New Castle County	229
Table 16:	Miller Index Values for the Evans-Black Tenant House Ceramic Assemblage	236
Table 17:	Miller Index Values for the Williams-Stump House Ceramic Assemblage	238
Table 18:	Results of the Miller Index Analyses for the Evans-Black Tenant House	242

	Page
Table 19: Results of the Miller Index Analyses for the Williams-Stump Tenant House	244
Table 20: Percentage Values and Vessel Frequencies of the Evans-Black Assemblage	249
Table 21: Test Statistics for the Evans-Black Assemblage.	249
Table 22: Summary of Significant Differences for the Evans-Black Tenant House Assemblage	251
Table 23: Ranked Paired Frequencies for the Evans-Black Tenant House	251
Table 24: Percentage Values and Vessel Frequencies of the Williams-Stump Assemblage	252
Table 25: Test Statistics for the Black-occupied Sites ..	253
Table 26: Summary of the Significant Differences for the Williams-Stump Assemblage	254
Table 27: Ranked Paired Frequencies for the Williams-Stump Assemblage	256

LIST OF PLATES

	Page
Plate 1: Aerial View of Project Area	3
Plate 2: Plowzone Sampling	89
Plate 3: Aerial View of Feature 12 - Structure I, After Plowzone Was Removed	91
Plate 4: Aerial View of Feature 17 - Structure II, After Plowzone Was Removed	92
Plate 5: Feature 42, Plan View	102
Plate 6: Creamware Plate Removed from Feature 173	106
Plate 7: Feature 17, Southeast 1/4 Profile	111
Plate 8: Features 17 and 20 After Excavation	114
Plate 9: Feature 2, Prior to Excavation	120
Plate 10: View of Feature 2, Prior to Mechanical Excavation	122
Plate 11: Feature 1 (Outbuilding I) Cross-section	127
Plate 12: Feature 1 (Outbuilding I) After Excavation, Plan View	128
Plate 13: Feature 46 (Privy Pit) Cross-section	132
Plate 14: Features 97 and 98 (Privy Pits), Plan View	133
Plate 15: English Yellow-glazed Earthenware ("the monkey jug") Vessel Recovered from Feature 53	143
Plate 16: Lead Bale Seal Recovered from Williams Site Excavations	150
Plate 17: Stonemason's Points Recovered During Data Recovery Excavations at the Williams Site	153
Plate 18: Redware Jugs Recovered from Feature 12 (Structure II)	156
Plate 19: Ceramics Recovered from Feature 12 (Structure I)	158
Plate 20: Ceramics Recovered from Feature 17 (Structure II)	162

	Page
Plate 21: Bottles Recovered from Feature 17 (Structure II)	163
Plate 22: Architectural Group Artifacts Recovered from Feature 17 (Structure II)	168
Plate 23: Household and Personal Group Artifacts Recovered from Feature 17 (Structure II)	170
Plate 24: Catholic Badge Recovered from Feature 17 (Structure II)	171
Plate 25: Ceramics Recovered from Feature 2 (Well)	173
Plate 26: Bottles Recovered from Feature 2 (Well)	174
Plate 27: Architectural and Personal Artifacts Recovered from Feature 2 (Well)	176